



IPW

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	10/587,533
		Filing Date	July 26, 2006
		First Named Inventor	Alexey V. Ryzhykh
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
Total Number of Pages in This Submission	41	Attorney Docket Number	42P24165

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Five (5) cited references</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brent E. Vecchia, Reg. No. 48,011 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>Brent E Vecchia</i>
Date	August 24, 2006

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Pat Sullivan	Date	August 24, 2006
Signature	<i>Pat Sullivan</i>		



FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Complete if Known

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Attorney Docket No.	42P24165

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayment of fee(s) ☒ Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) _____

SUBTOTAL (2) (\$)

SUBMITTED BY

Name (Print/Type)	Brent E. Vecchia	Registration No. (Attorney/Agent)	48,011	Telephone	(303) 740-1980
Signature	<i>Brent E. Vecchia</i>	Date	08/24/06		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

ALEXEY V. RYZHYKH

Application No.: 10/587,533

Filed: July 26, 2006

For: **MULTIPLE PHASE BUFFER
ENLARGEMENT FOR RDMA DATA
TRANSFER**

Art Group: Not Assigned

Examiner: Not Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: August 24, 2006

Brent E. Vecchia

Brent E. Vecchia, Reg. No. 48,011

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (303) 740-1980

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Pat Sullivan 8/24/06

Pat Sullivan

Date

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/587,533
Filing Date	July 26, 2006
First Named Inventor	Alexey V. Ryzhykh
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P24165

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)			
		US-2004/0042448	03-04-2004	Lebizay et al.	
		US-2004/0133714	07-08-2004	Haren	
		US-2004/0170196	09-02-2004	Susnow	
		US-2004/0243723	12-02-2004	Davis et al.	
		US-2005/0030972	02-10-2005	Madukkarumukumana et al.	
		US-2005/0060442	03-17-2005	Beverly et al.	
		US-2005/0102682	05-12-2005	Shah et al.	
		US-2006/0013128	01-19-2006	Conner et al.	
		US-2005/0201272	09-15-2005	Wang et al.	
		US-2005/0228920	10-13-2005	Shah et al.	
		US-2005/0228922	10-13-2005	Tsao et al.	
		US-2005/0286560	12-29-2005	Colman et al.	
		US-2006/0004795	01-05-2006	Shah et al.	
		US-2006/0004904	01-05-2006	Sarangam et al.	
		US-2006/0018330	01-26-2006	Choubal et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

[illegible]Examiner
Signature

Date	Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
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				First Named Inventor	Alexey V. Ryzhykh
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	2	of	2	Attorney Docket Number	42P24165

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		GRUN, PAUL, ET AL., "The Changing Nature of Data Center I/O," Intel DeveloperUPDATE Magazine, January 2003, pp. 1-4		
		"Accelerating High-Speed Networking with Intel® I/O Acceleration Technology," White Paper, Intel® I/O Technology, may 2005, pp. 1-8		
		FRUTAL, BILL, "I/O Considerations for Server Blades, Backplanes, and the Datacenter," Copyright 20003 Intel Corporation, pp. 1-12		
		"Add Flexible, Efficient Messaging for Clusters," Intel ® MPI Library, 2006, http://www.intel.com/cd/software/products/asmo-na/eng/cluster/mpi/index.htm , 2 pages		
		LIU, JIUXING, ET AL., "High Performance RDMA-Based MPI Implementation over InfiniBand," ICS '03, June 23-26, 2003, San Francisco, CA, 10 pages		

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.
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